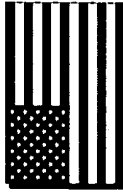


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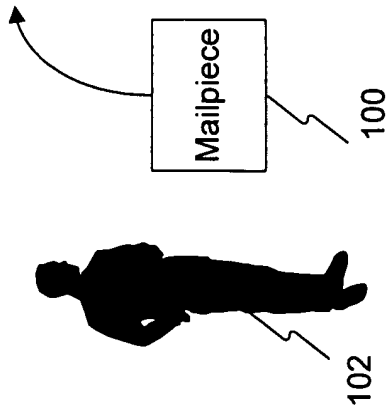
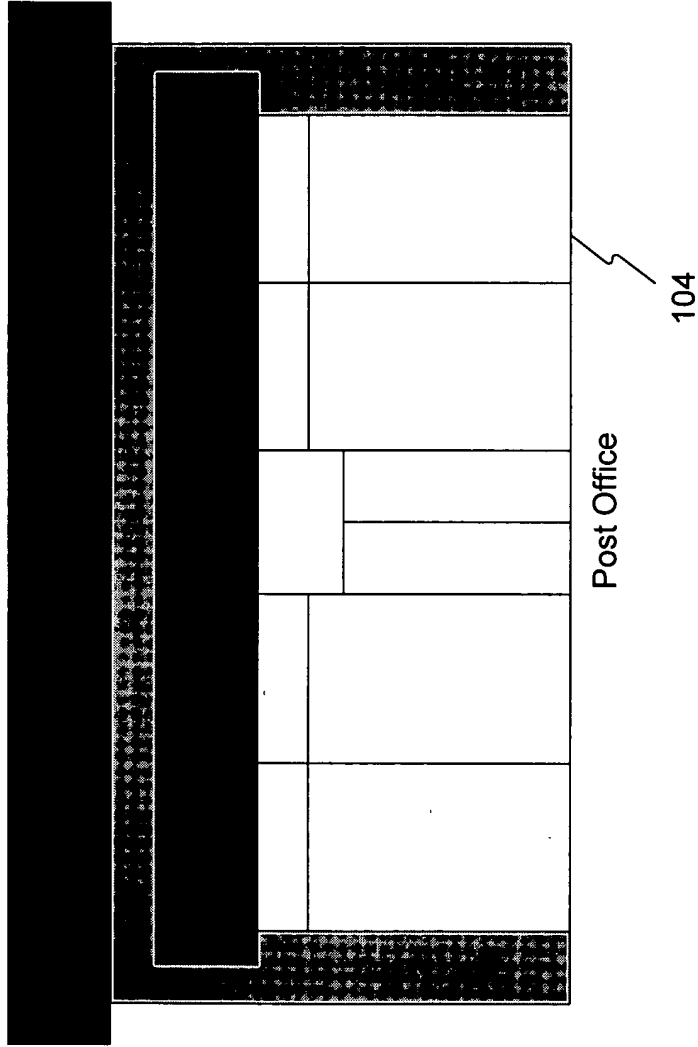


FIG. 1

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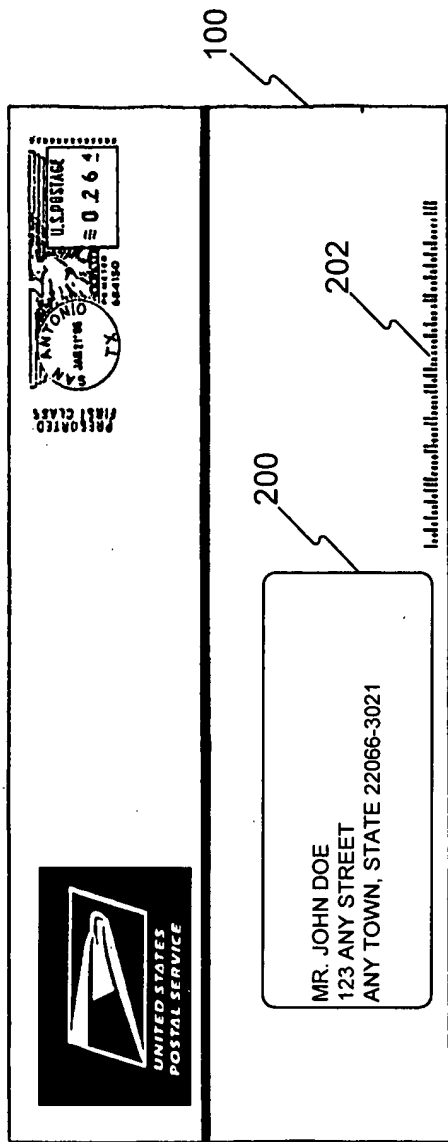


FIG. 2A

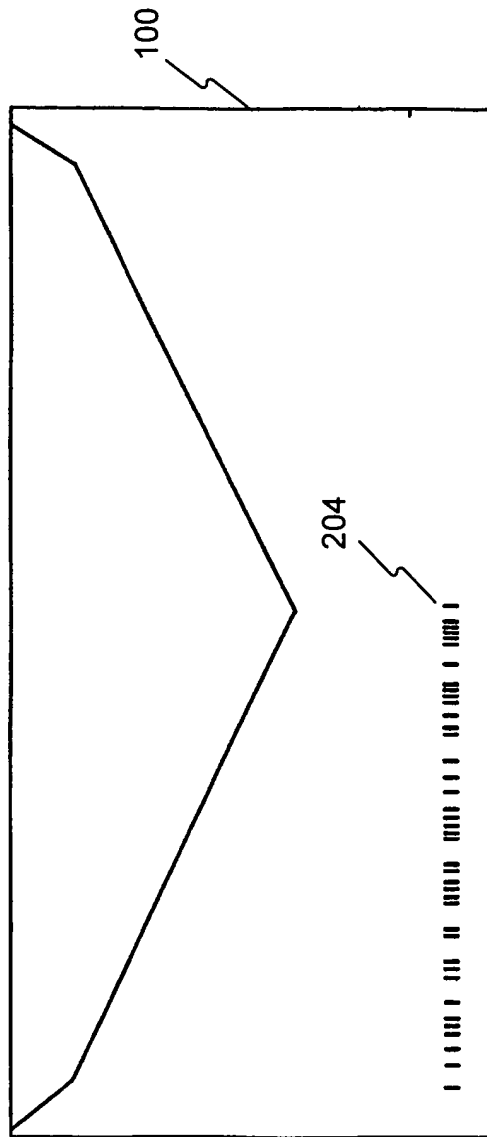


FIG. 2B

300

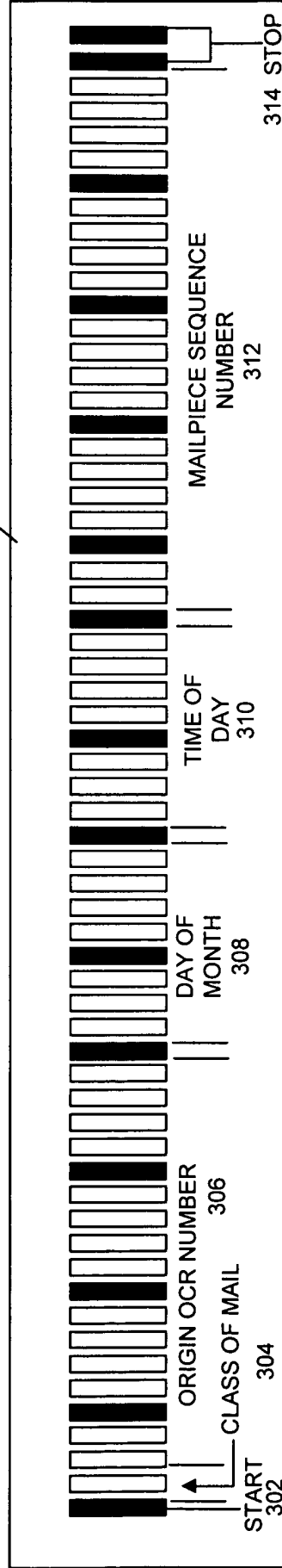


FIG. 3

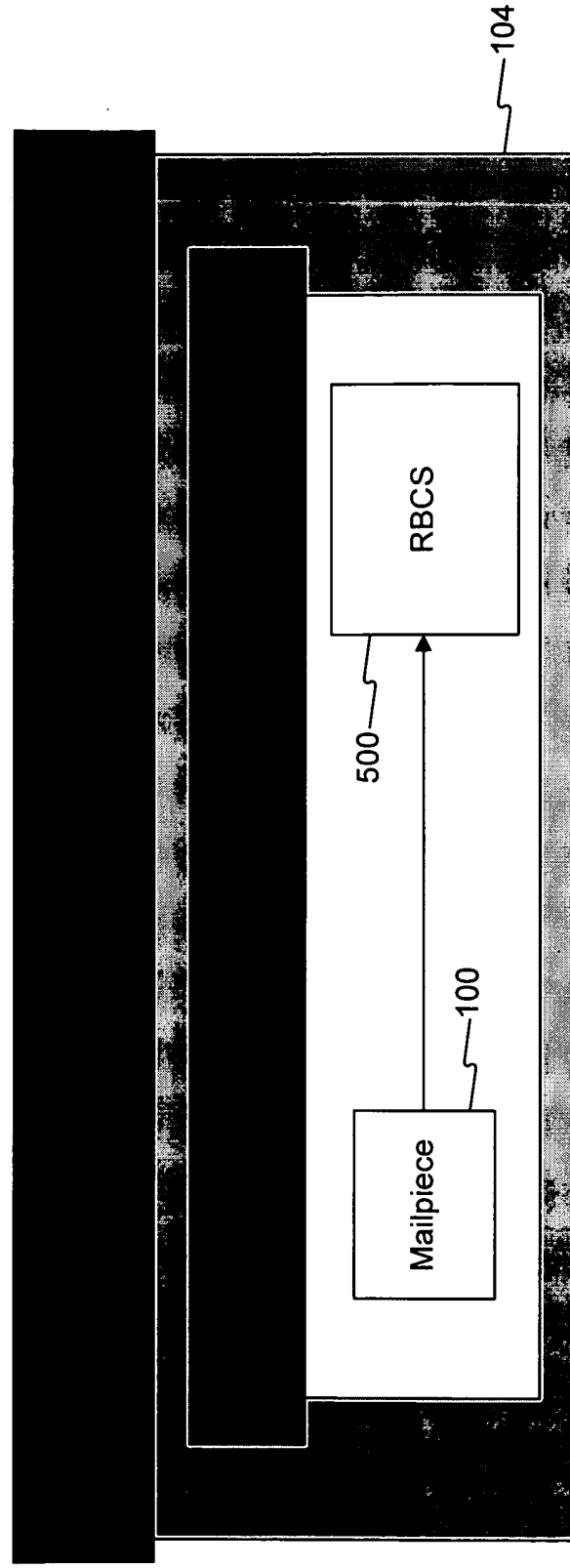


FIG. 4A

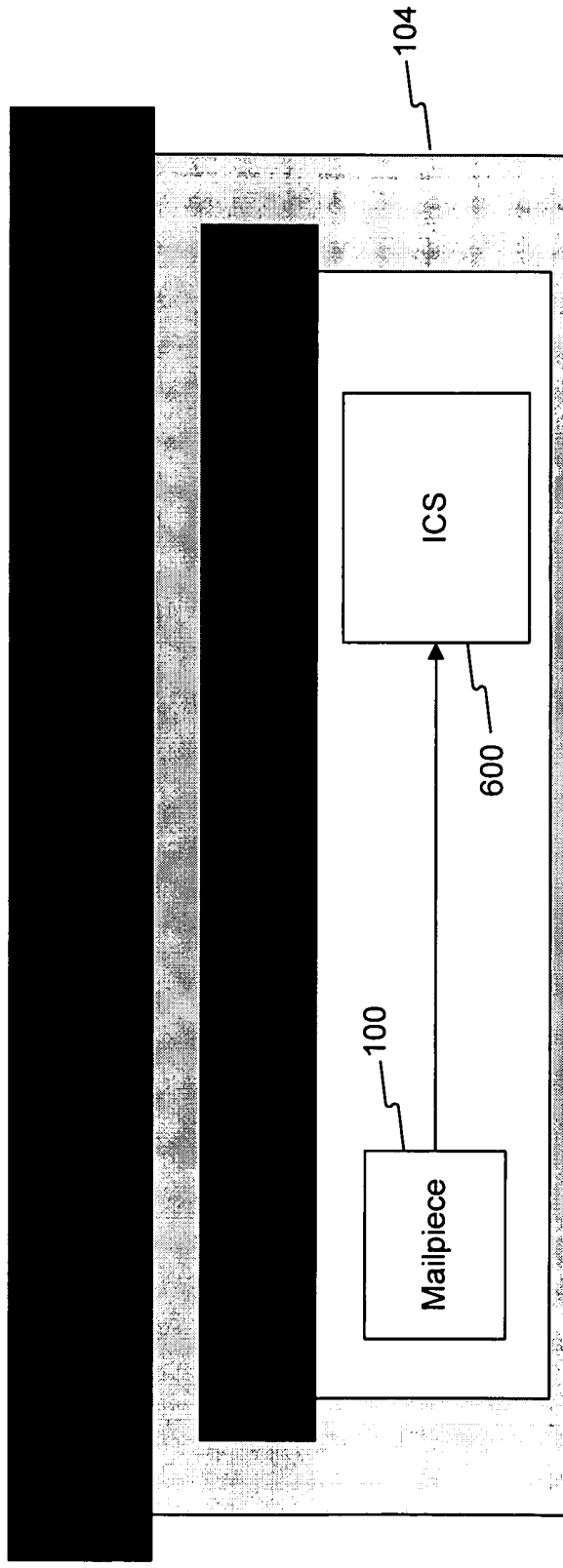


FIG.4B



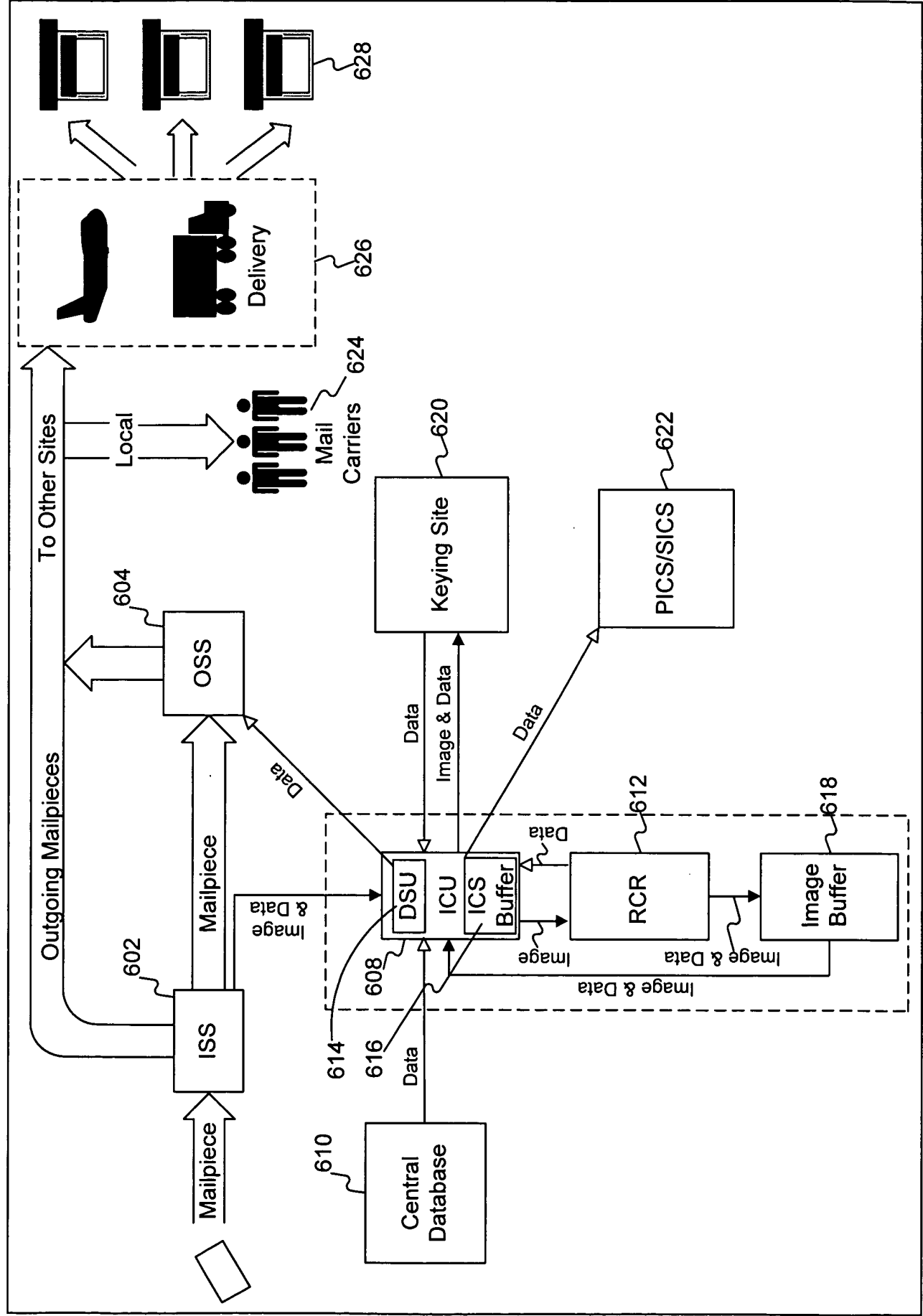


FIG. 6A

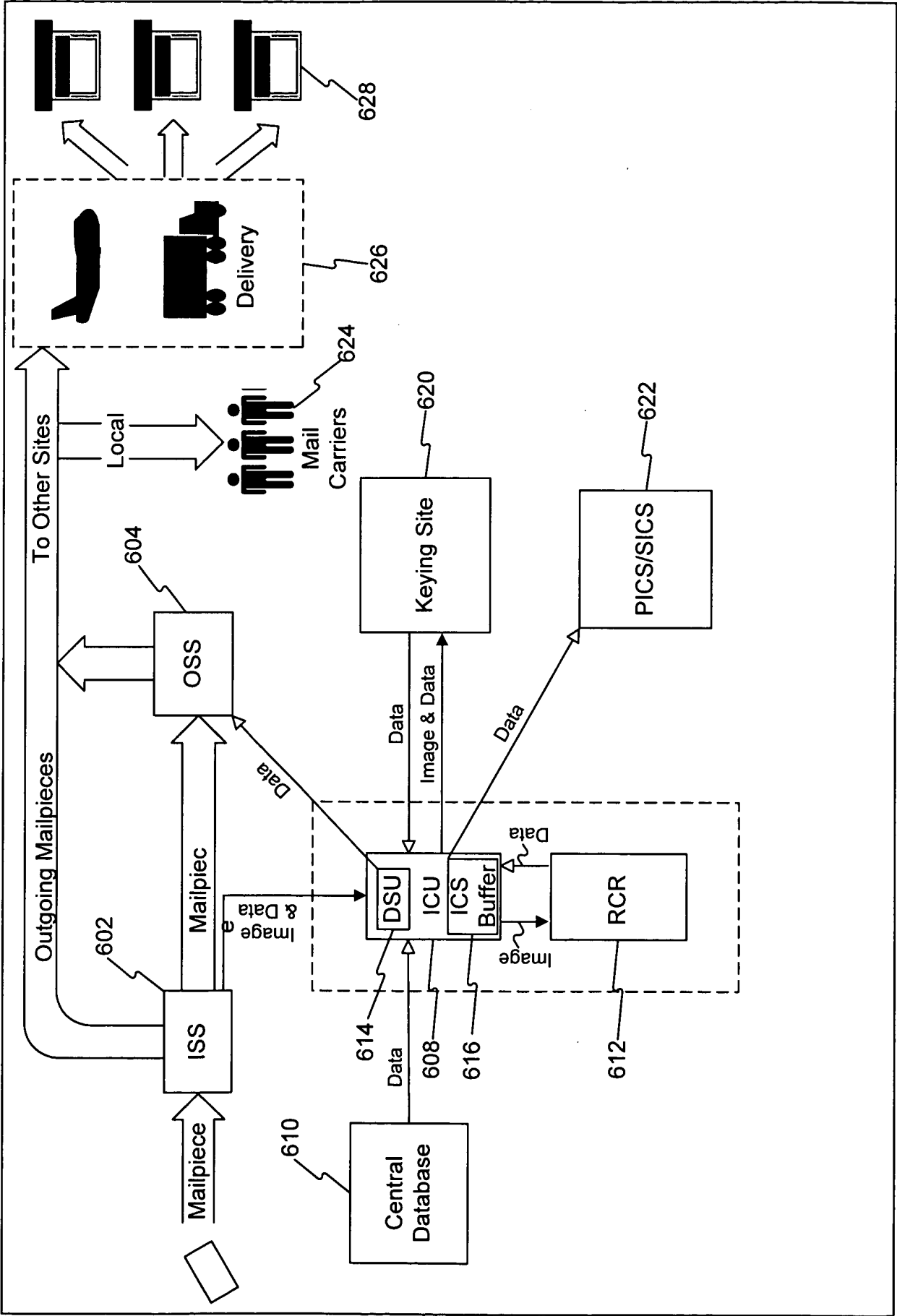


FIG. 6B



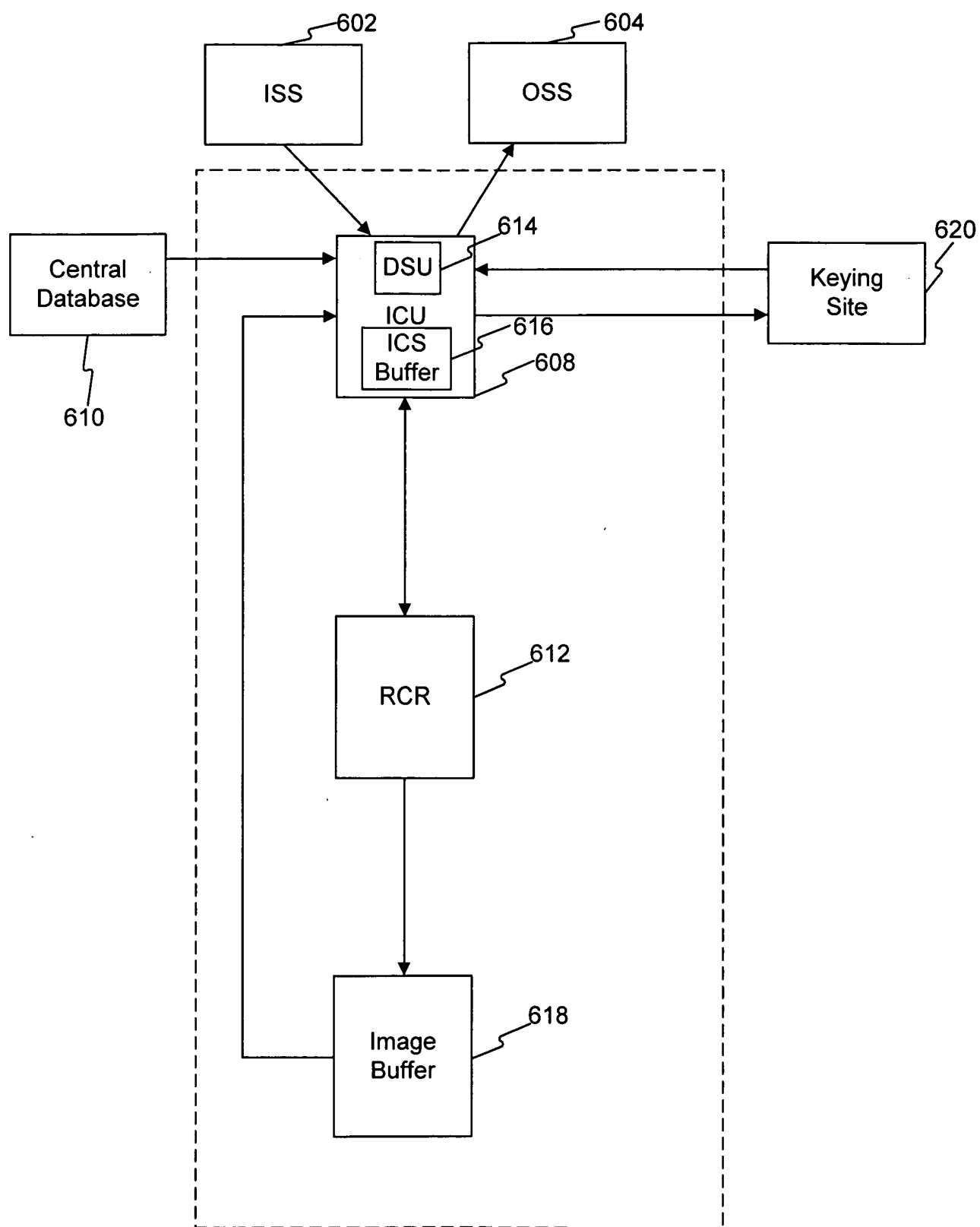


FIG. 7

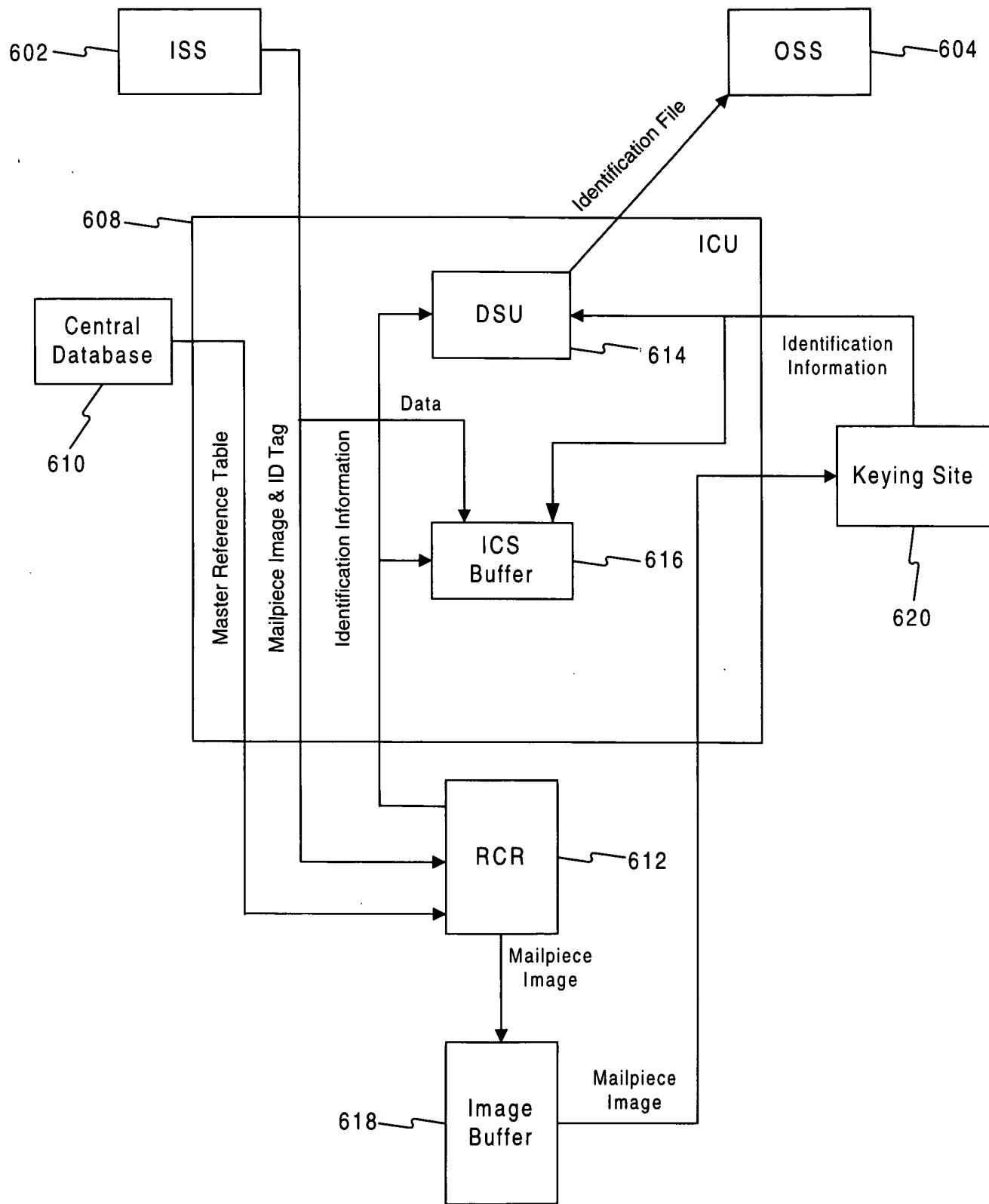
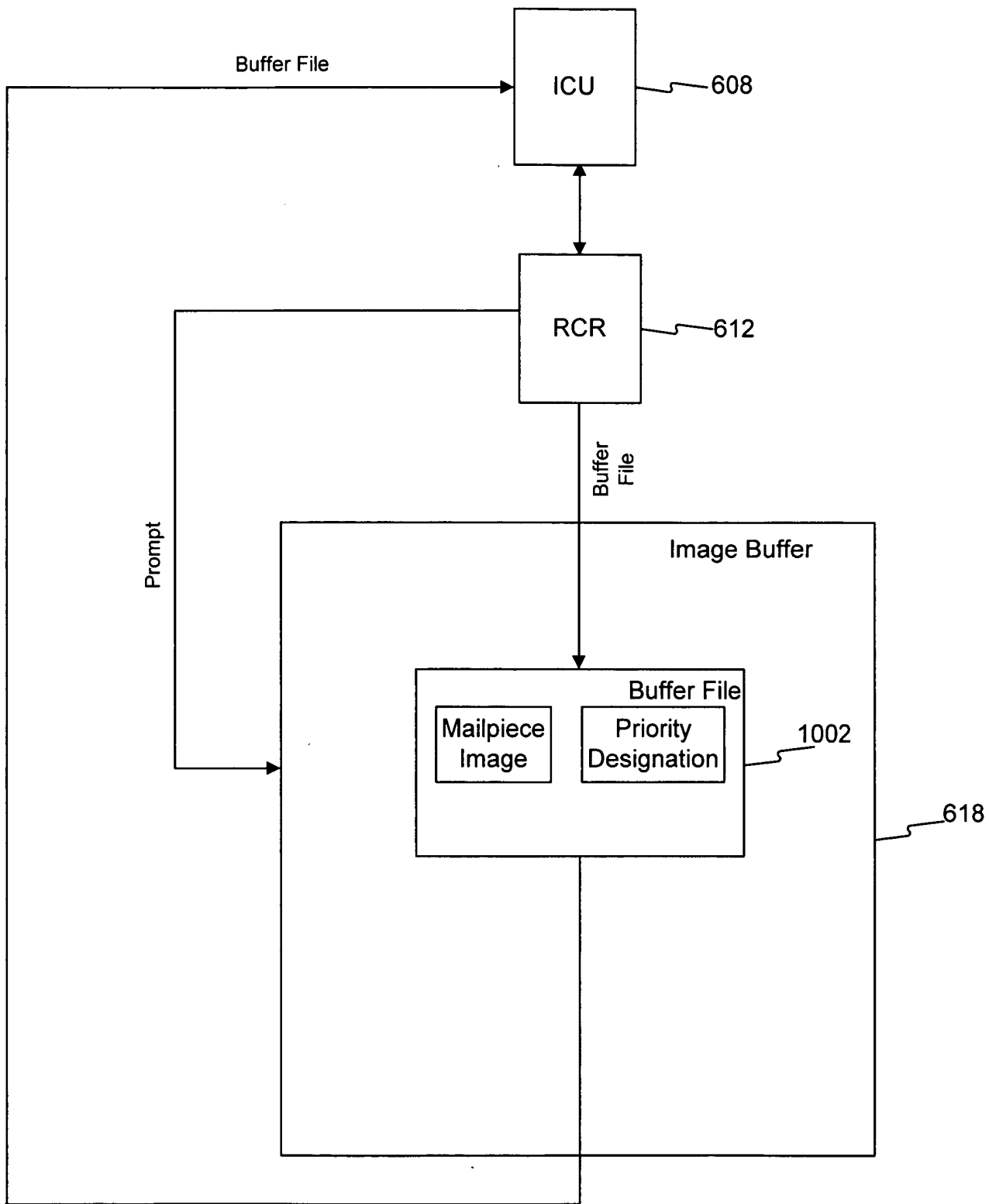


FIG. 8



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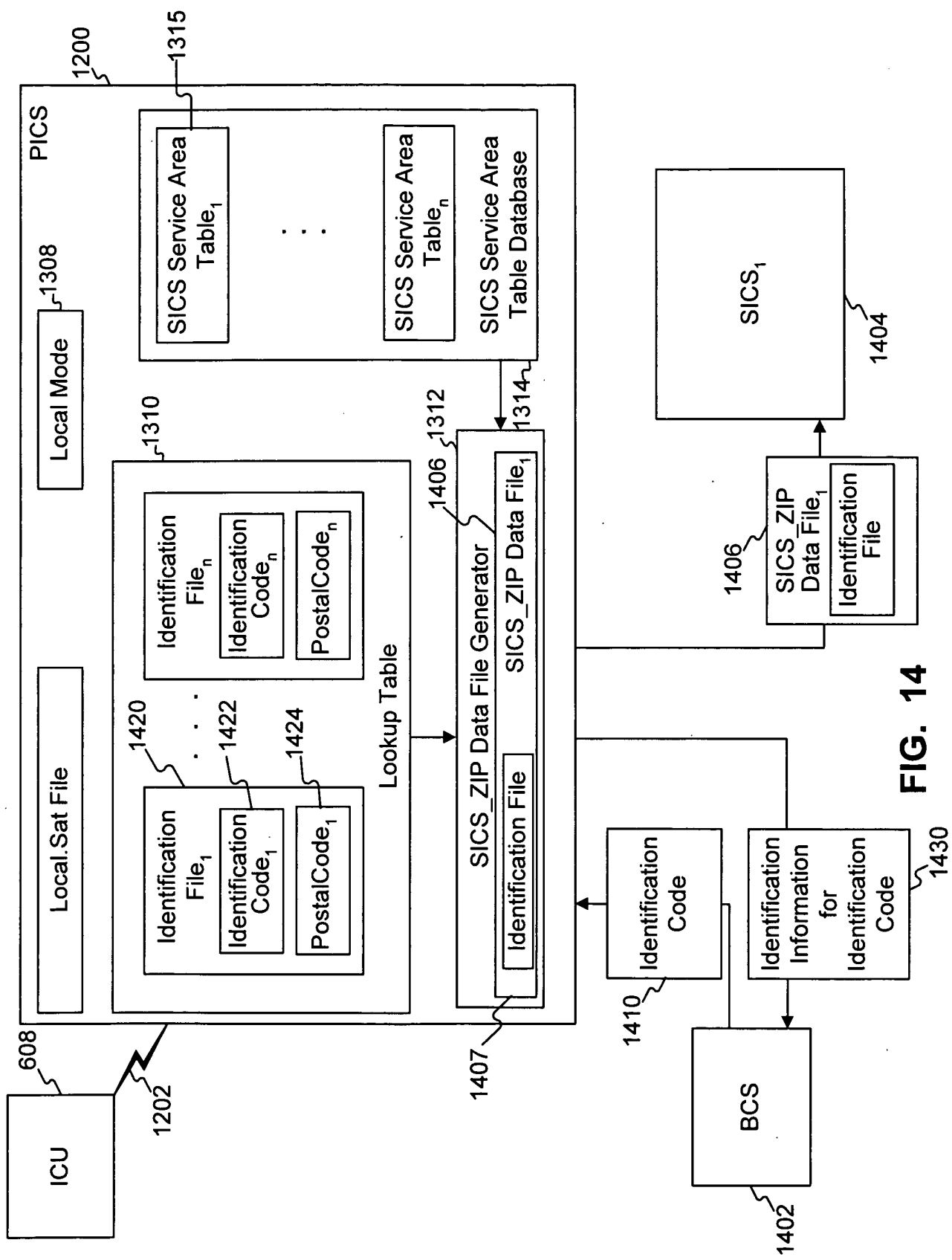
**FIG. 10**

The diagram illustrates a mail processing system architecture. A central box labeled "Keying Site" (620) contains a "Buffer File" (1002). The "Buffer File" is divided into two sections: "Mailpiece Image" and "Priority Designation". To the left of the "Keying Site" is a box labeled "ICU" (608). A double-headed arrow connects the "ICU" to the "Buffer File". Below the "Buffer File" is a silhouette of a person (1102) sitting at a desk with a computer monitor and keyboard. An arrow points from the person to the "Buffer File".

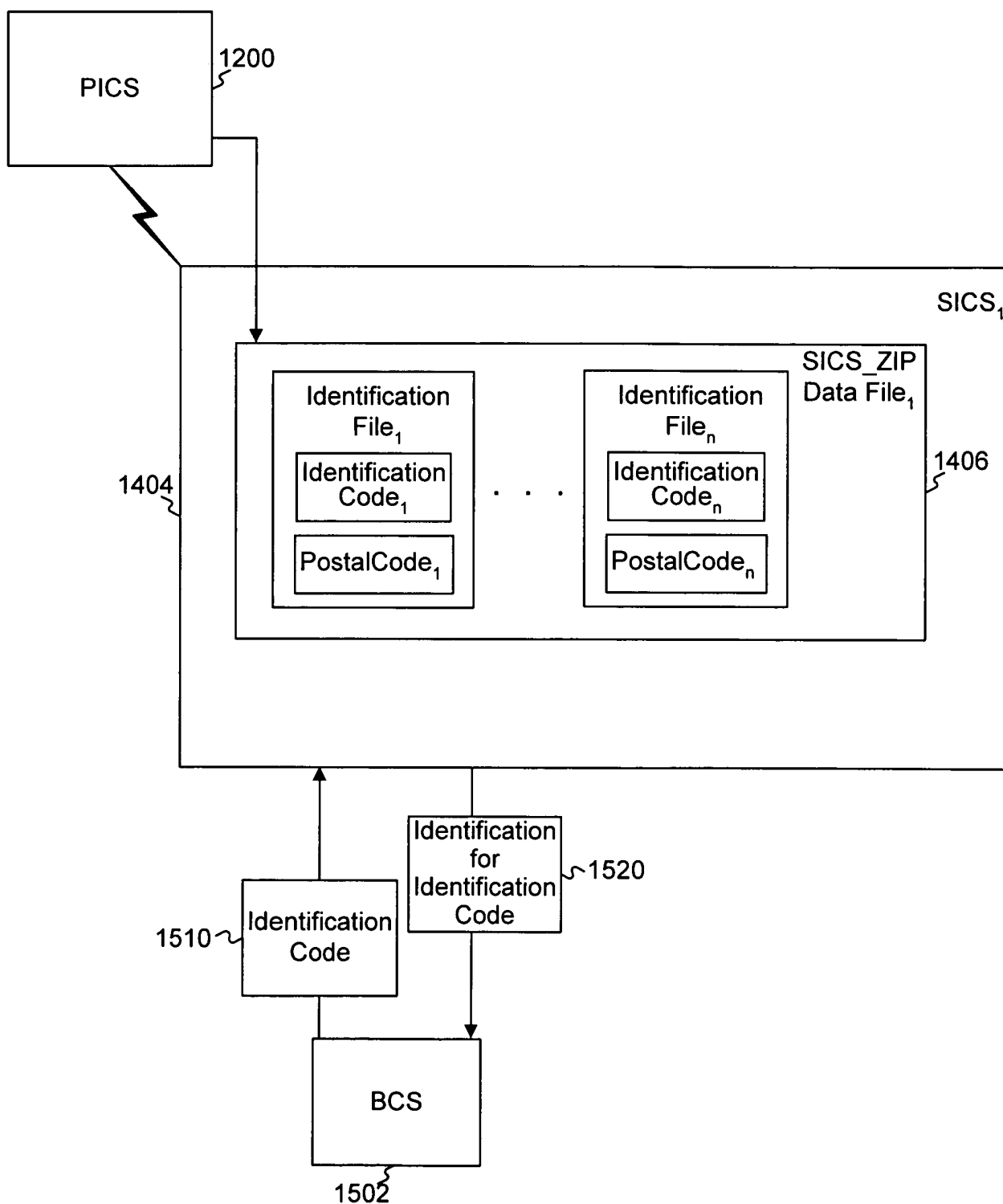
FIG. 11









[illegible]

**FIG. 15**

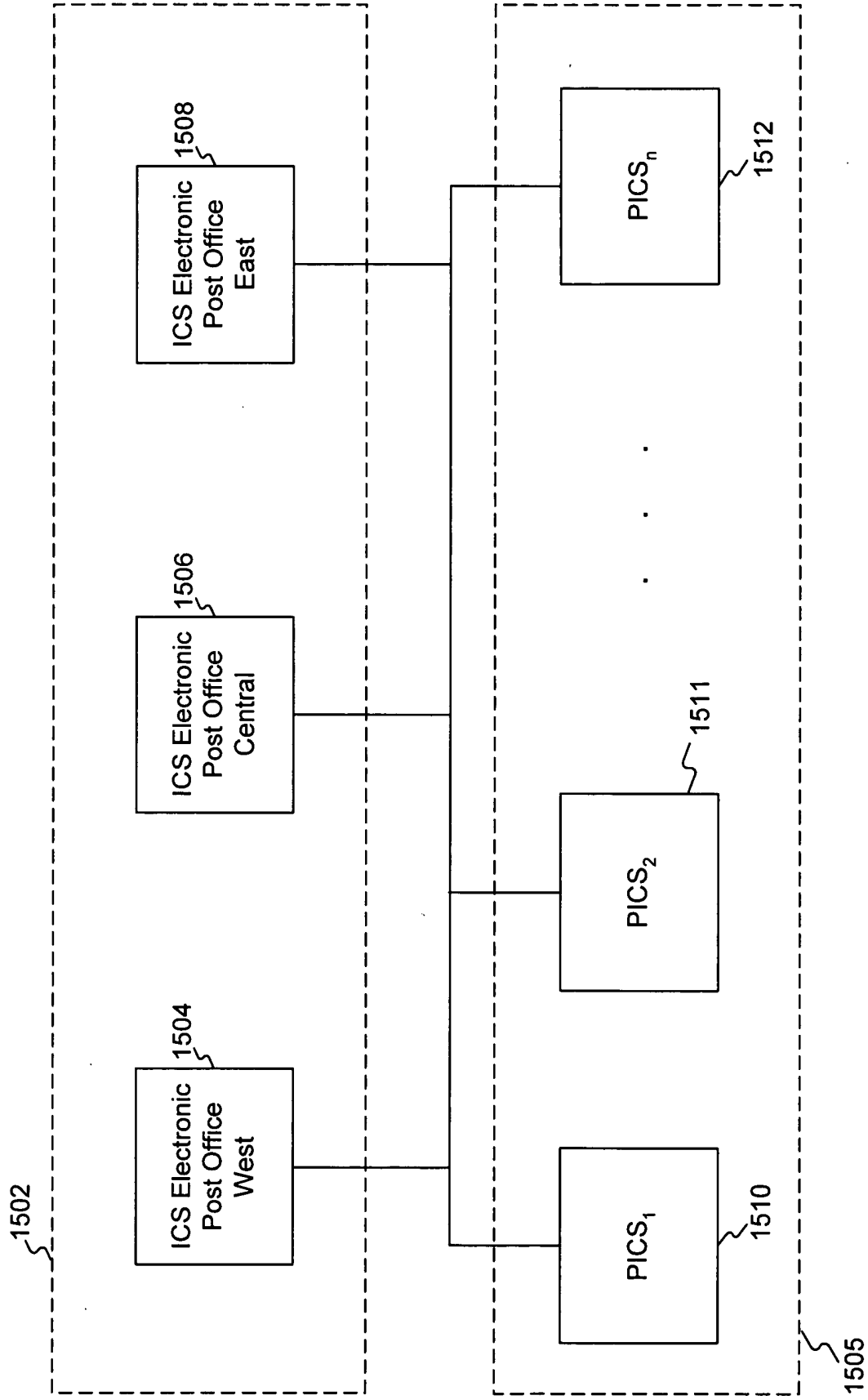
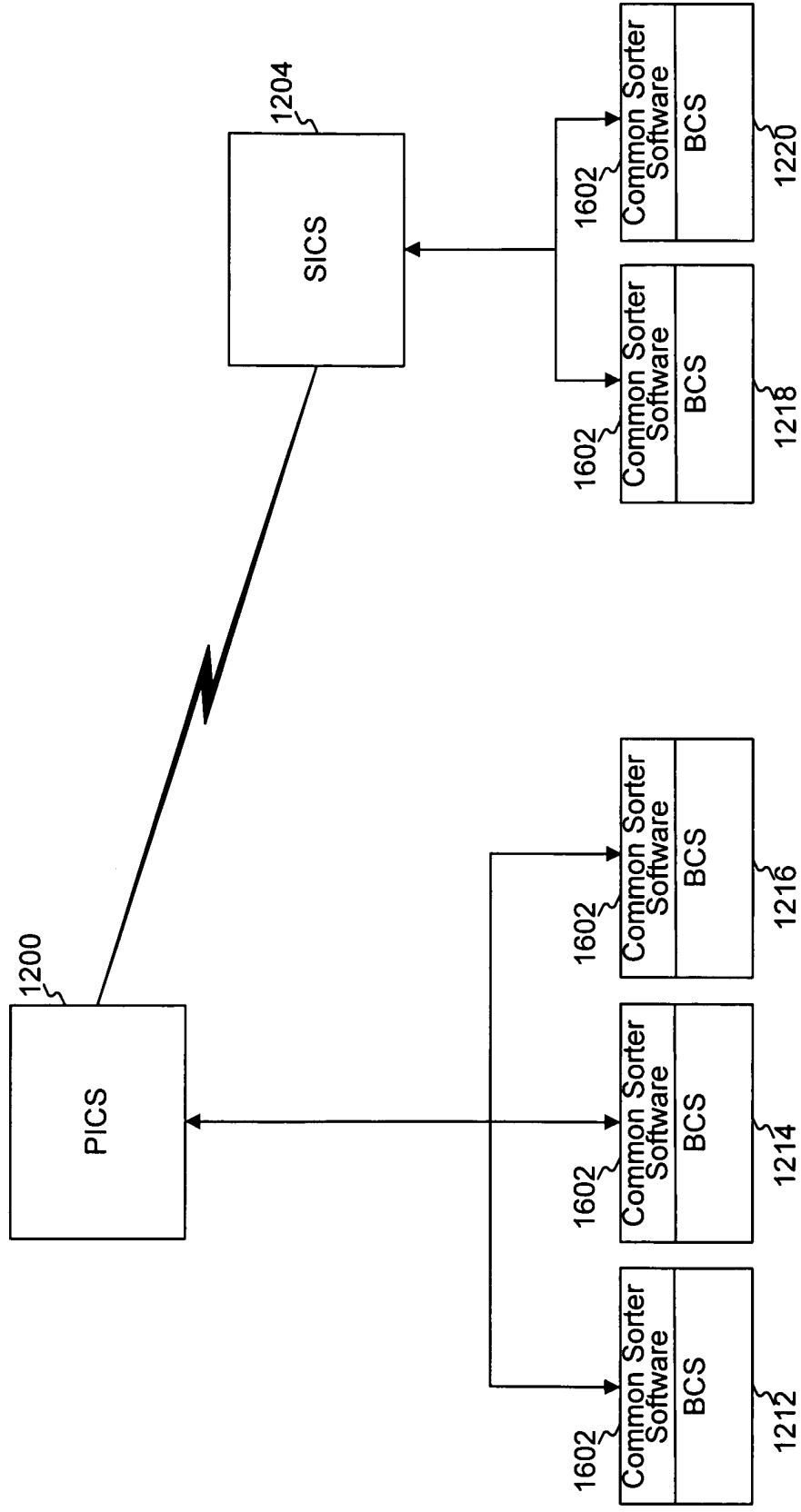


FIG. 15A

Figure 3 is a block diagram illustrating the system architecture. The diagram is organized into several main sections:

- PICS (1510):** A central processing unit containing:
  - National Mode (1511):** The top-level control mode.
  - Lookup Table (1512):** A table used for data retrieval.
  - Local.Sat File (1514):** A file containing local satellite data.
  - EPO.Sat File (1513):** A file containing Electronic Post Office satellite data.
- Input/Output Files:**
  - Identification Files (Local.Sat File):** A file that provides input to the PICS system.
  - ID Records:** A file that provides input to the PICS system.
- ICS Electronic Post Office (1520):** A central hub containing:
  - Storage Buffer (1515):** A buffer for storing data, including **Identification File<sub>n</sub>** (1514).
  - PICS Table Buffer (1516):** A buffer for storing PICS tables, including **PICS Table<sub>1</sub>** (1518), **PICS Table<sub>2</sub>** (1519), and **PICS Table<sub>n</sub>** (1517).
- Output:**
  - PICS Table (1515):** A table generated from the PICS Table Buffer.
  - National.Sat File:** A file generated from the National Mode.
- PICS<sub>n</sub> (1530):** The final output component, which receives data from the PICS Table and the National.Sat File.

1530



**FIG. 16**

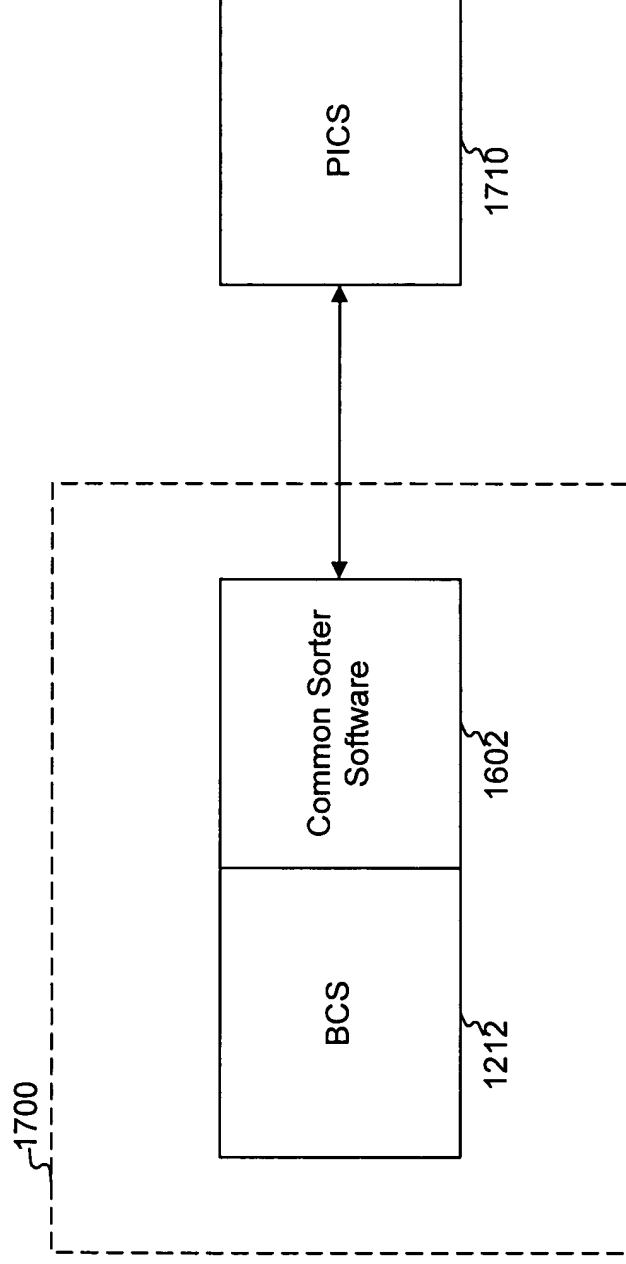
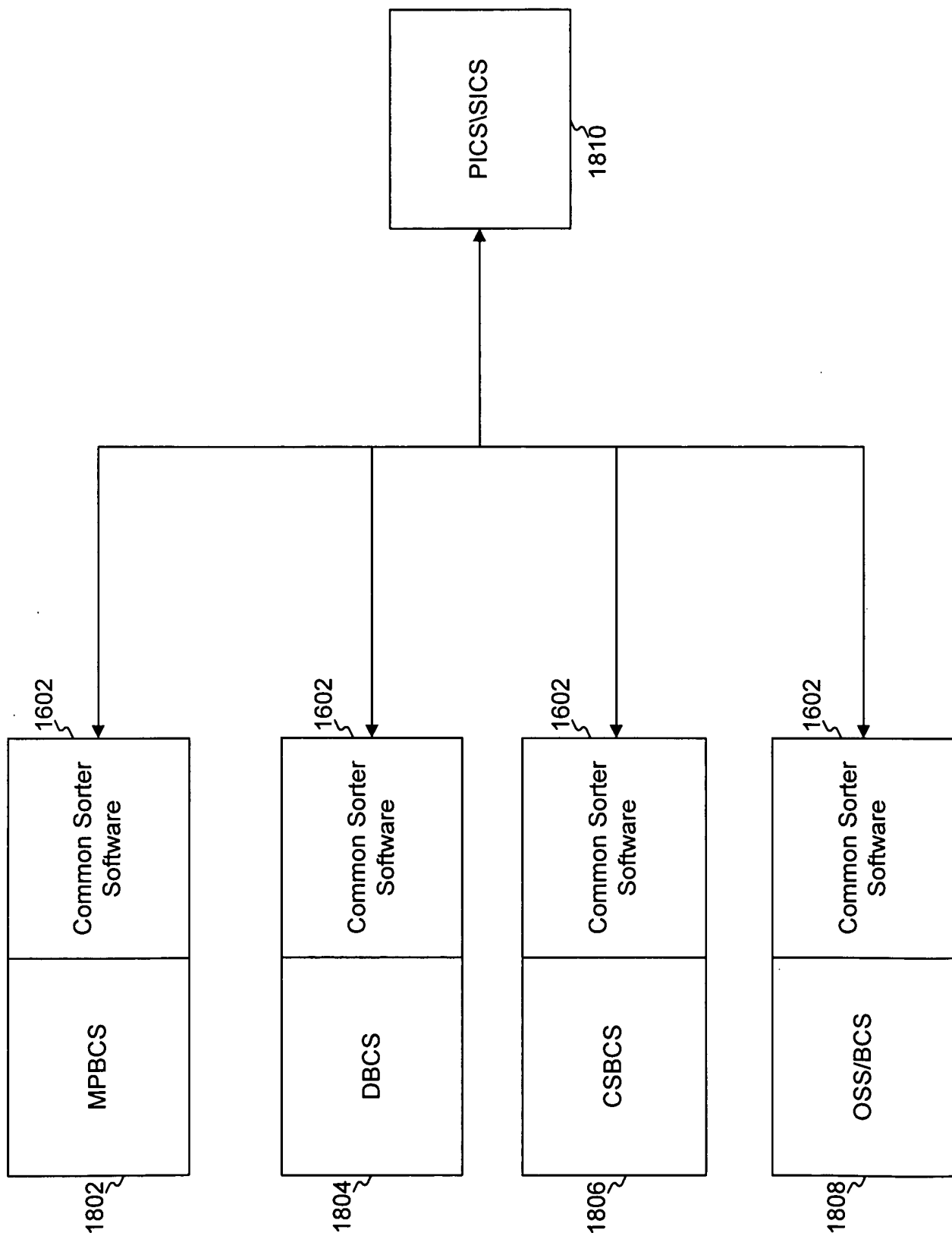


FIG. 17



**FIG. 18**

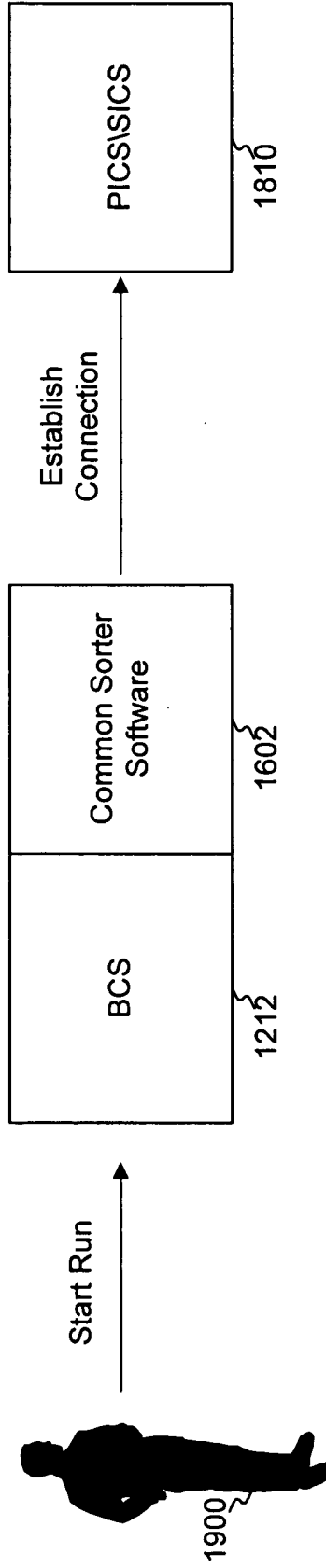


FIG. 19A

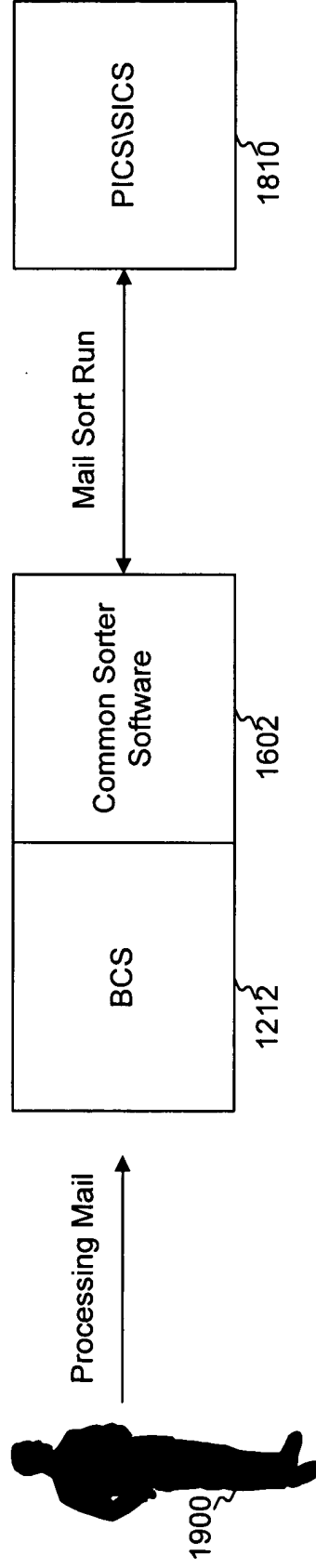


FIG. 19B



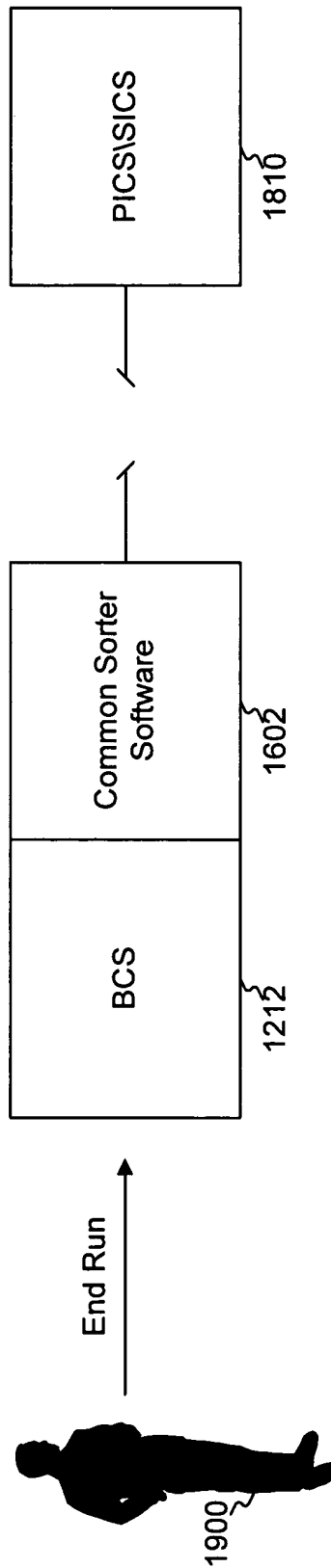


FIG. 19C



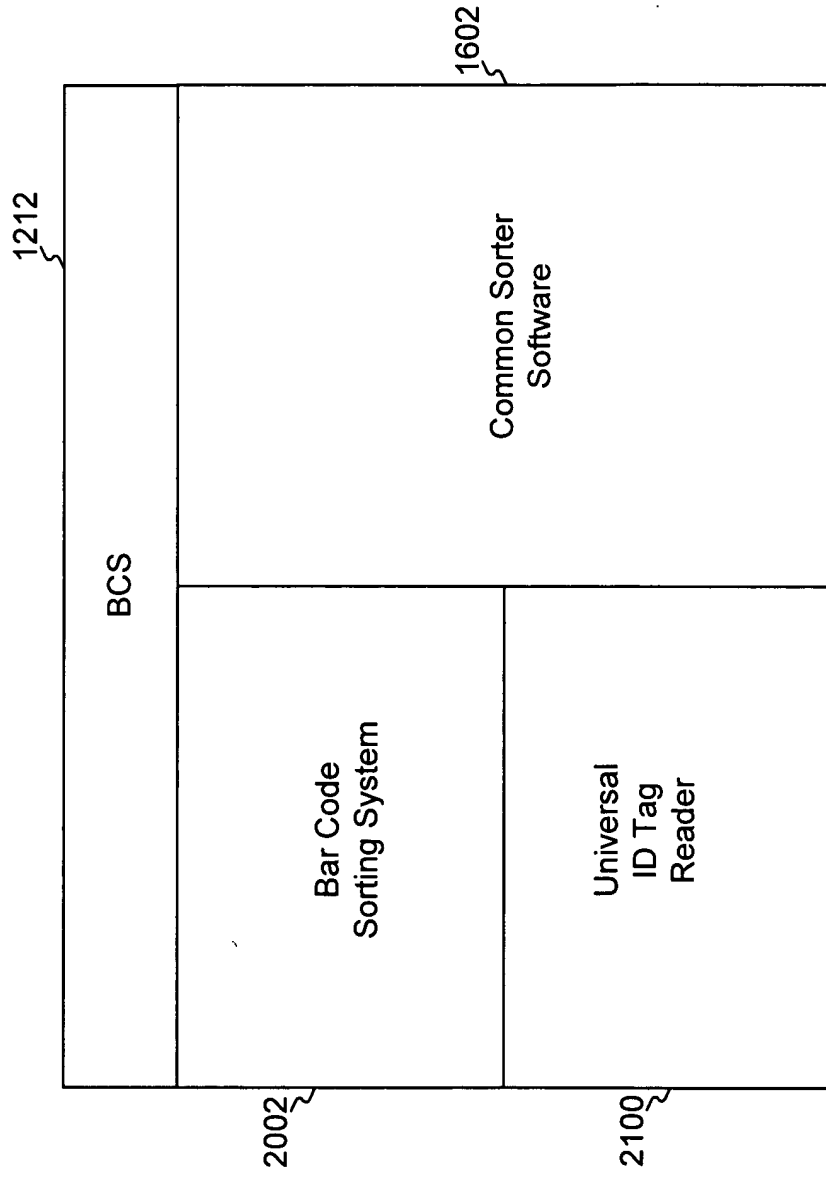


FIG. 21

Universal ID Tag Reader

2100

Reader Head Assembly 2200

Fiber Optic Cable 2204

Reader Unit 2202

**FIG. 22**

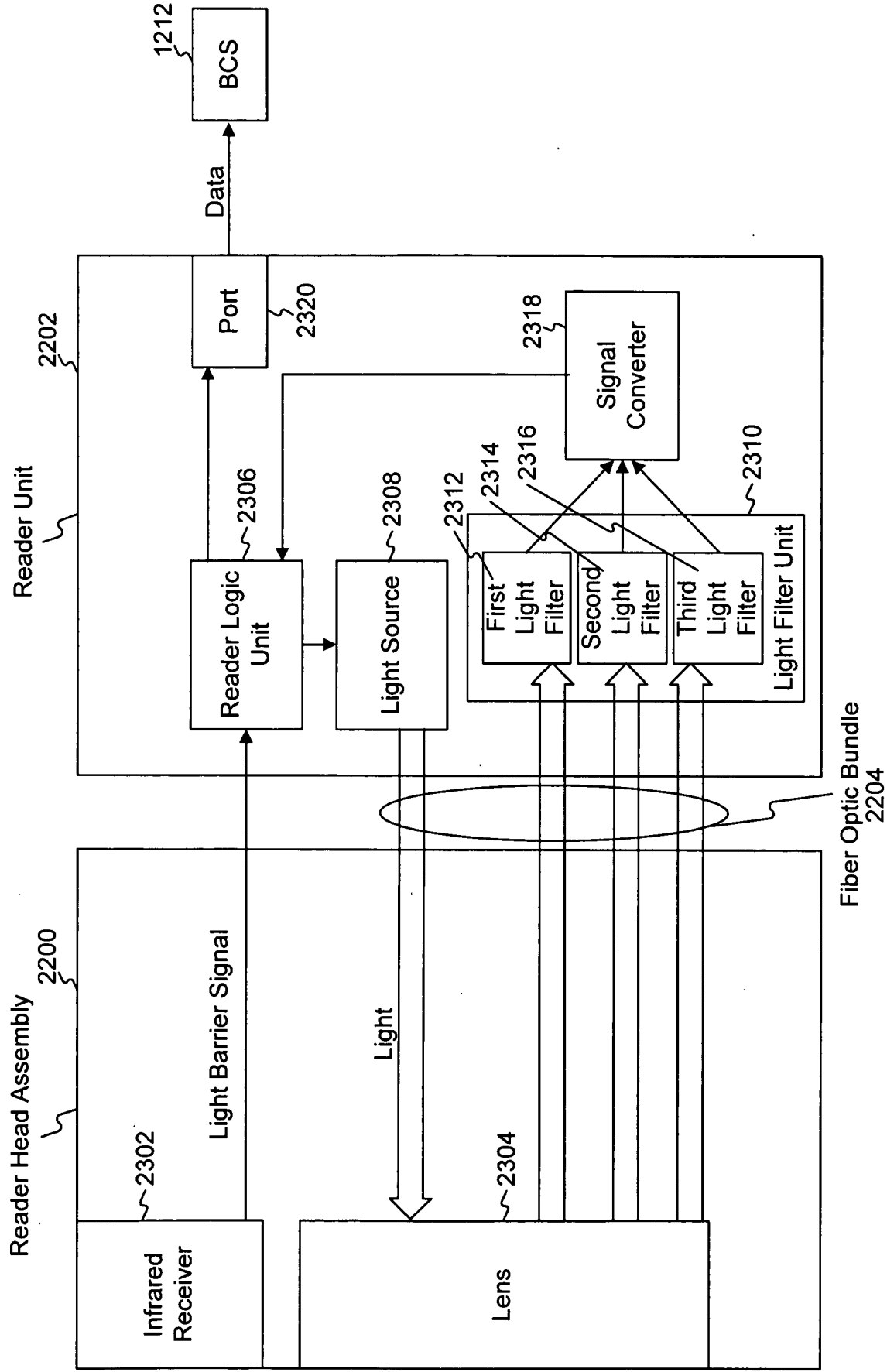


FIG. 23

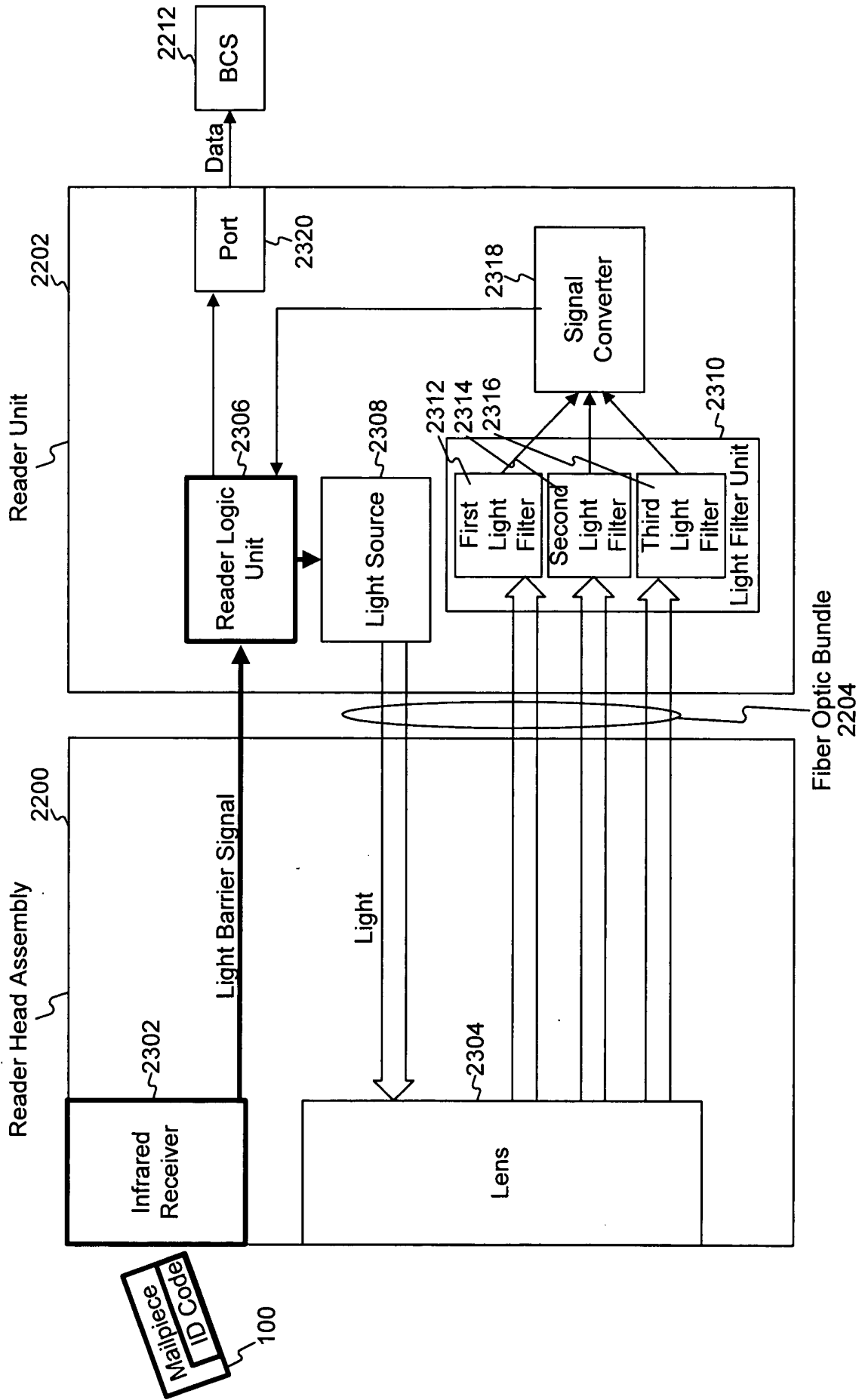


FIG. 24A

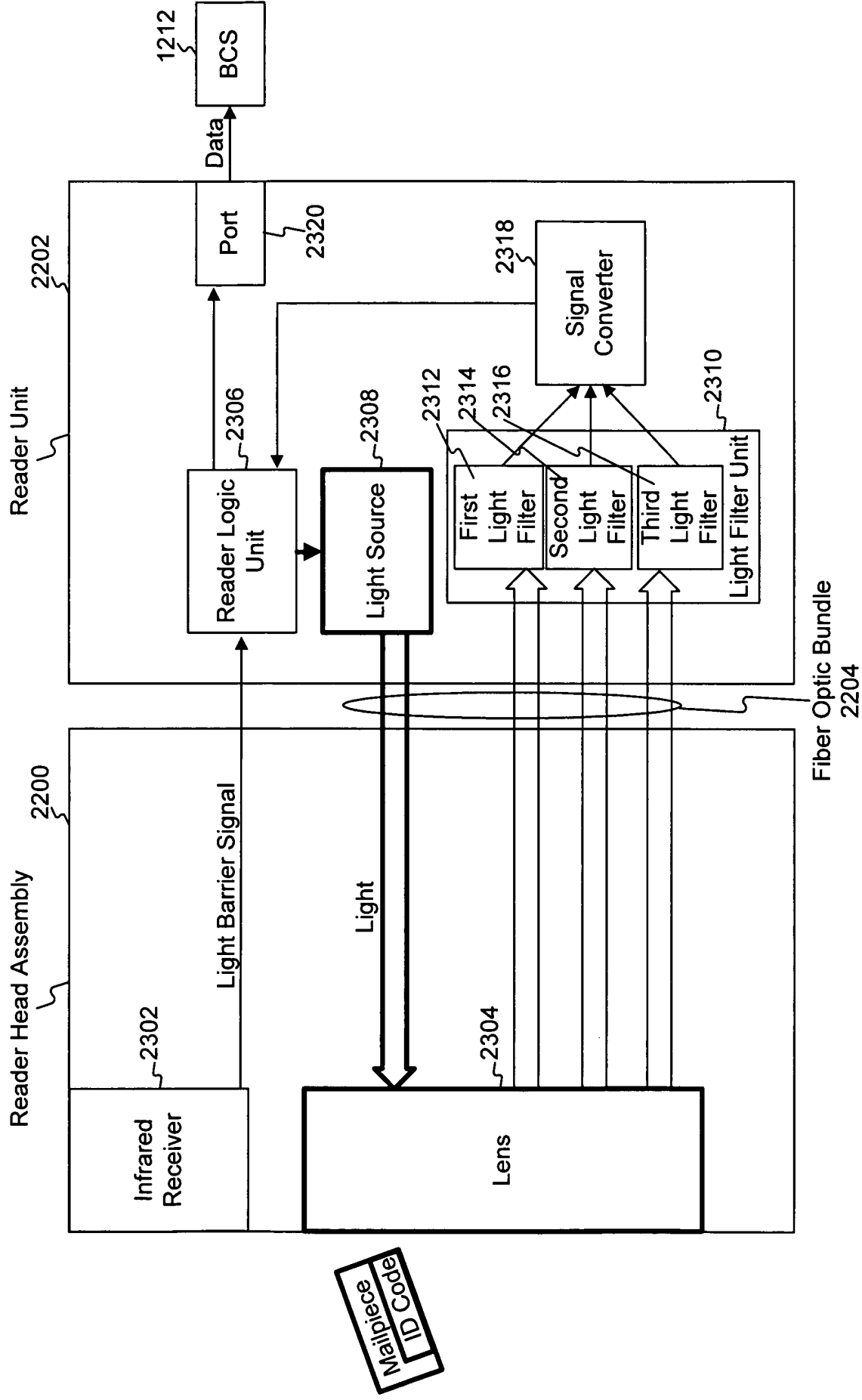


FIG. 24B

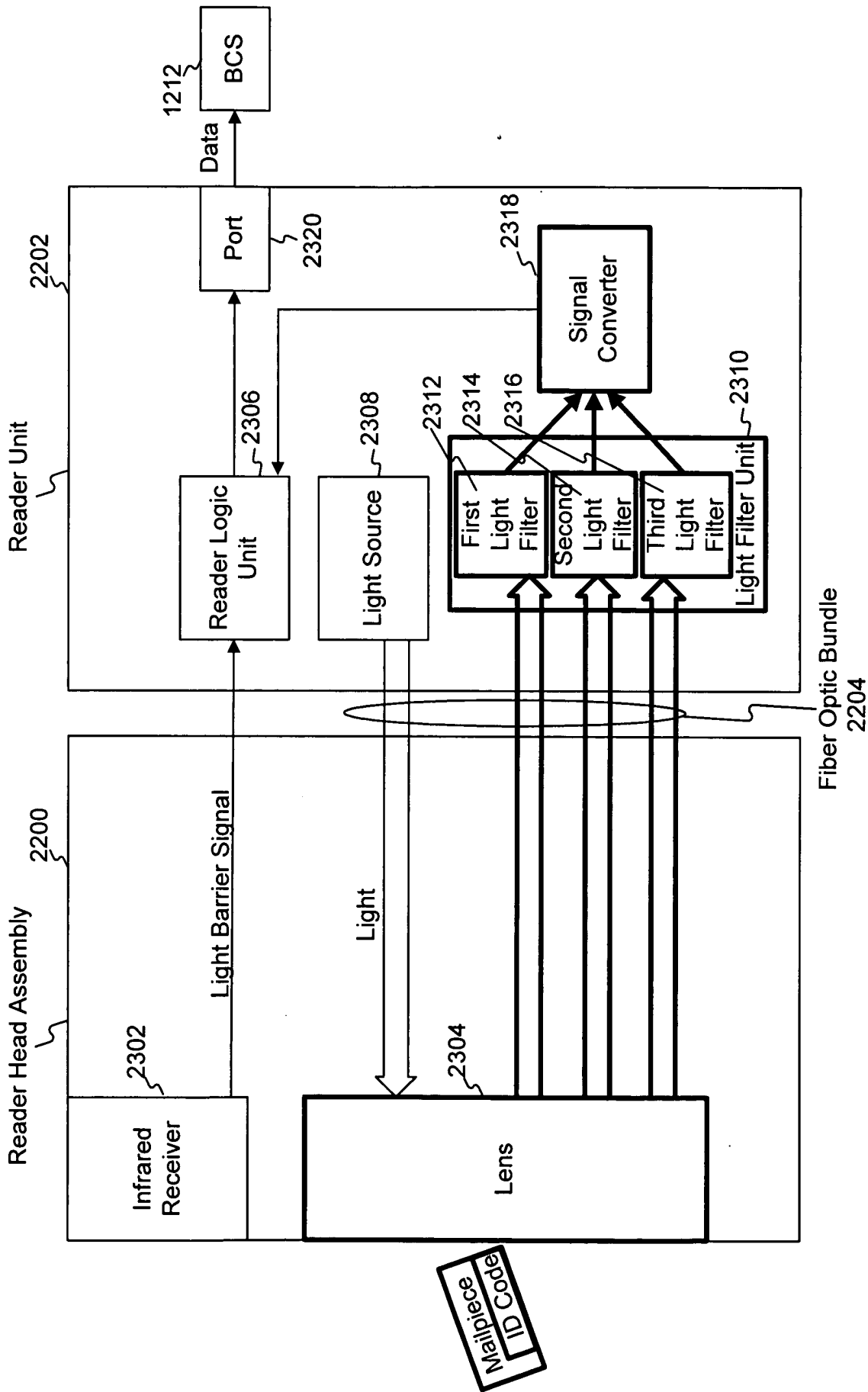
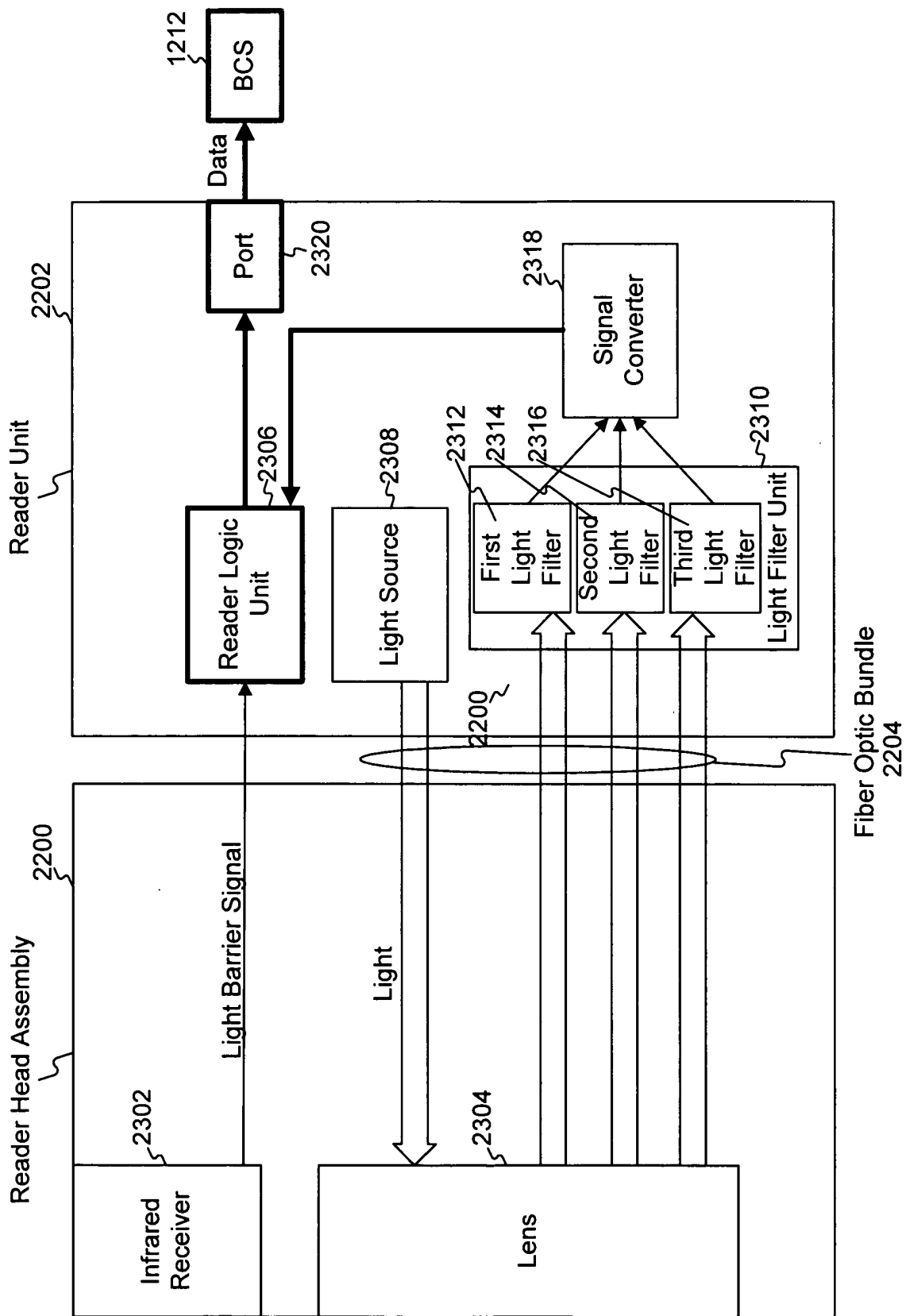
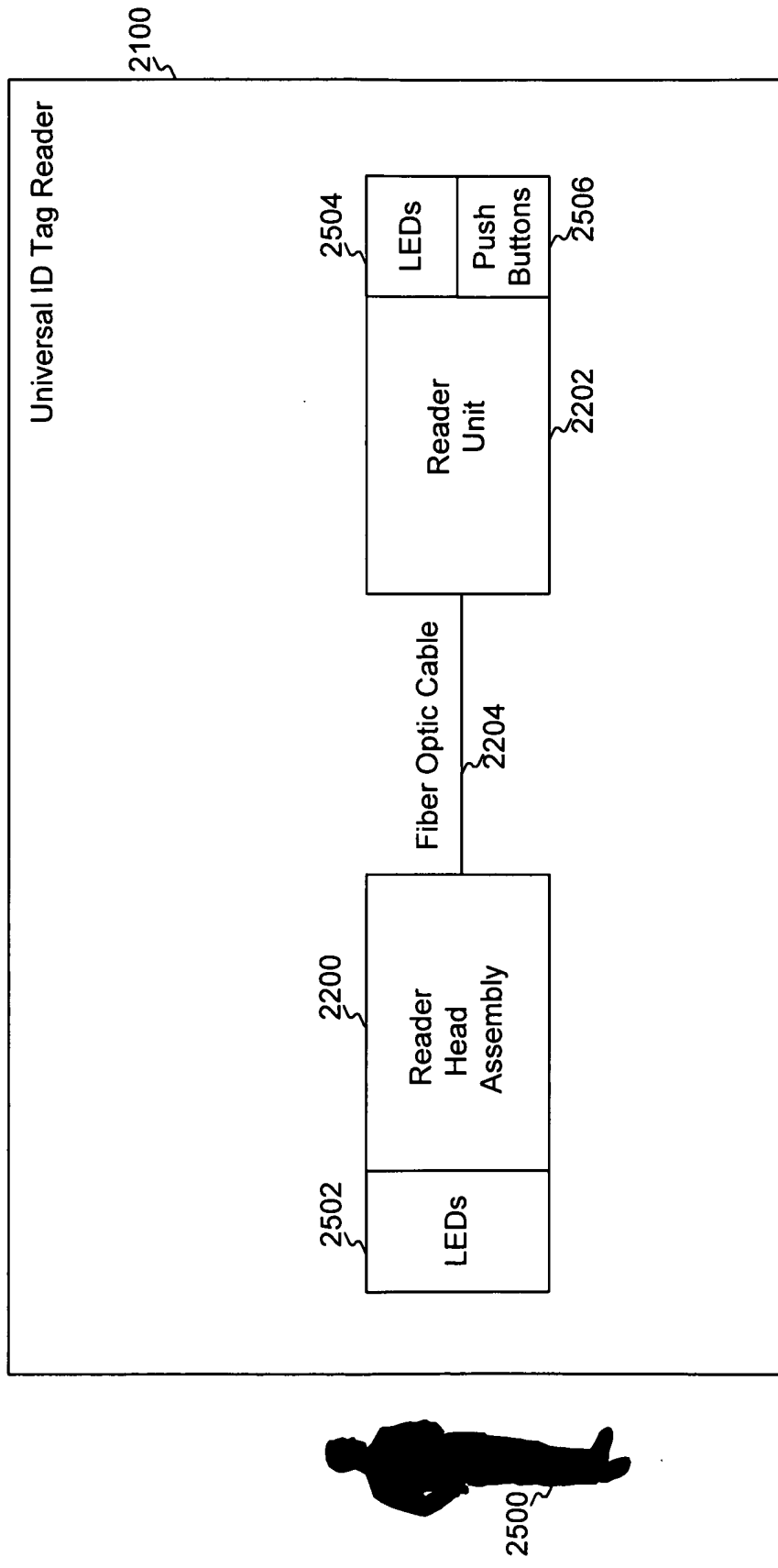


FIG. 24C





**FIG. 24D**



**FIG. 25**

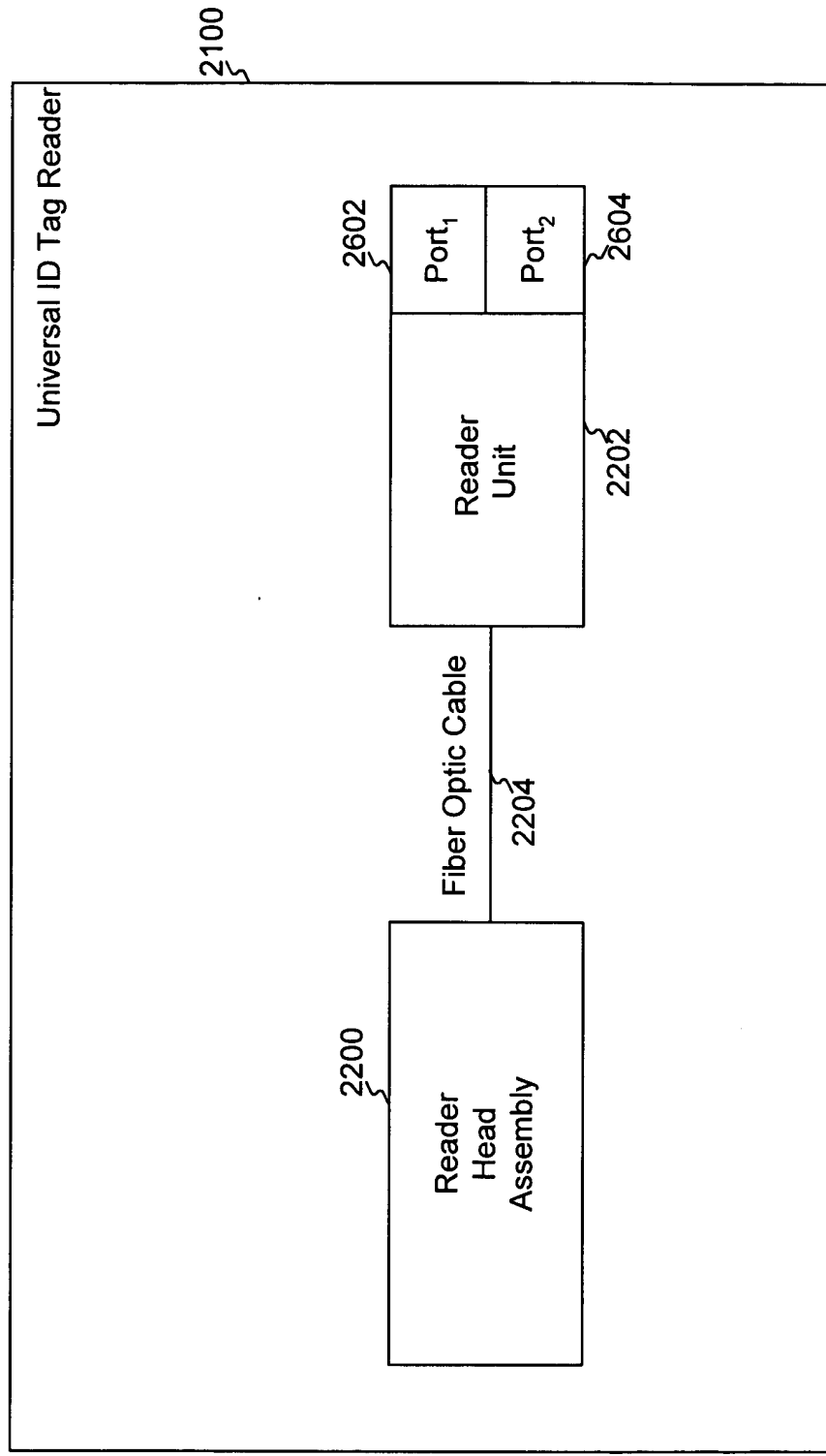


FIG. 26

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